



MARKET SEGMENTS

**Green Mobility**

Energy Storage

Industry

Municipality

**A**

BOOTH NO.

**A02 C2c New Cap · Portugal**

**Product:** C2C Supercapacitor

## C2C Hybrid Supercapacitor: an alternative solution for the electric energy storage market

**THE NEED.** Starting the engine in heavy trucks is the single most demanding task for batteries. Moreover, cold weather reduces battery performance. To avoid dead batteries and "no starts", batteries need to be frequently replaced with a consequent cost increase.

**THE SOLUTION.** C2C supercapacitor has the ability to provide quick bursts of power and to operate reliably up to millions of charge-discharge cycles even under extremely cold temperatures. By replacing one battery for a C2C supercapacitor exclusively dedicated to the starting function, trucks and buses can always start even in very cold temperatures or if batteries are seriously discharged.

### KEY FEATURES.

- Easy to install.
- Low production costs.
- Safer to operate (non toxic or inflammable products).
- Very long operating lifetime (+ 10 years and up to 1 million cycles).
- Wide operating temperature range (- 50° C to 50°C).

### VALUE PROPOSITION.

- Competitive purchasing price facing other supercapacitors.
- Eliminate "no starts" from a "dead" battery under any temperature range.
- High reliability.
- Higher number of start attempts.
- Lower operating and maintenance costs.

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### STRATEGIC PARTNERSHIPS/ CUSTOMER REFERENCES

References available on request